Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120241.D
Acq On : 30 Apr 2020 16:07
Operator : MA/SJ
Sample : PB128574BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128574BS

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:57 AM

Quant Time: Apr 30 16:41:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	97374	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	371923	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	193497	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	372493	20.00	ng		0.00
76) Chrysene-d12	13.83	240	310802	20.00	ng		0.00
87) Perylene-d12	15.23	264	322638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	748336	132.81	ng		0.00
7) Phenol-d6	6.31	99	909690	125.30	ng		0.00
23) Nitrobenzene-d5	7.22	82	568255	79.04	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	246534	104.06	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1110382	81.47	ng		0.00
79) Terphenyl-d14	12.77	244	1335299	72.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	91898	36.619	ng		97
3) Pyridine	2.93	79	273151	39.671	ng		97
4) n-Nitrosodimethylamine	2.88	42	147961	42.058	ng		98
6) Aniline	6.32	93	330211	34.652	ng	#	34
8) 2-Chlorophenol	6.44	128	287418	45.654	ng		98
9) Benzaldehyde	6.20	77	106553	22.247	ng		99
10) Phenol	6.32	94	367275	44.590	ng		95
11) bis(2-Chloroethyl)ether	6.39	93	274408	43.148	ng		97
12) 1,3-Dichlorobenzene	6.59	146	299513	43.456	ng		98
13) 1,4-Dichlorobenzene	6.67	146	308387	43.924	ng		97
14) 1,2-Dichlorobenzene	6.82	146	287578	44.445	ng		98
15) Benzyl Alcohol	6.80	79	235758	41.808	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	474048	38.305	ng		64
17) 2-Methylphenol	6.93	107	228107	40.601	ng	#	92
18) Hexachloroethane	7.16	117	112834	43.002	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	195762	41.930	ng		98
20) 3+4-Methylphenols	7.08	107	294553	42.867	ng	#	83
22) Acetophenone	7.06	105	394065	45.247	ng	#	98
24) Nitrobenzene	7.24	77	300992	41.619	ng		97
25) Isophorone	7.48	82	541483	39.072	ng		99
26) 2-Nitrophenol	7.56	139	153957	42.610	ng		92
27) 2,4-Dimethylphenol	7.60	122	236391	43.380	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	337090	41.335	ng		98
29) 2,4-Dichlorophenol	7.81	162	229117	41.019	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	258507	40.845	ng		100
31) Naphthalene	7.96	128	822801	42.048	ng		97
32) Benzoic acid	7.74	122	161846	33.818	ng		93
33) 4-Chloroaniline	8.02	127	202351	23.754	ng		97
34) Hexachlorobutadiene	8.08	225	146257	38.605	ng		99
35) Caprolactam	8.39	113	72381m	42.362	ng		
36) 4-Chloro-3-methylphenol	8.52	107	255911	42.318	ng		99
37) 2-Methylnaphthalene	8.65	142	546028	41.159	ng		99
38) 1-Methylnaphthalene	8.75	142	520073	41.592	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	248777	40.707	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120241.D
Acq On : 30 Apr 2020 16:07
Operator : MA/SJ
Sample : PB128574BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:57 AM

Quant Time: Apr 30 16:41:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	222457	64.013	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	165762	39.278	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	174295	36.669	ng	95
46) 1,1'-Biphenyl	9.12	154	666320	40.798	ng	96
47) 2-Chloronaphthalene	9.15	162	525977	41.806	ng	98
48) 2-Nitroaniline	9.25	65	182268	39.977	ng	98
49) Acenaphthylene	9.56	152	813930	42.538	ng	98
50) Dimethylphthalate	9.43	163	609959	40.754	ng	100
51) 2,6-Dinitrotoluene	9.49	165	134656	41.085	ng	97
52) Acenaphthene	9.73	154	483670	37.894	ng	97
53) 3-Nitroaniline	9.66	138	100754	26.917	ng	98
54) 2,4-Dinitrophenol	9.77	184	137089	69.864	ng	98
55) Dibenzofuran	9.90	168	740387	42.272	ng	99
56) 4-Nitrophenol	9.85	139	195538	70.208	ng	98
57) 2,4-Dinitrotoluene	9.90	165	177490	41.104	ng	93
58) Fluorene	10.25	166	579416	41.365	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148868	40.950	ng	98
60) Diethylphthalate	10.13	149	620261	39.986	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	280344	39.048	ng	98
62) 4-Nitroaniline	10.27	138	151179	42.379	ng	99
63) Azobenzene	10.40	77	585734	42.134	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	95823	39.047	ng	79
66) n-Nitrosodiphenylamine	10.36	169	528001	42.622	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	170671	36.843	ng	95
68) Hexachlorobenzene	10.79	284	183486	39.045	ng	98
69) Atrazine	10.90	200	160233	46.488	ng	99
70) Pentachlorophenol	11.00	266	154150	56.922	ng	97
71) Phenanthrene	11.21	178	850856	42.919	ng	98
72) Anthracene	11.26	178	886716	43.784	ng	97
73) Carbazole	11.42	167	808123	42.196	ng	97
74) Di-n-butylphthalate	11.76	149	1026393	40.768	ng	98
75) Fluoranthene	12.40	202	967790	45.244	ng	97
77) Benzidine	12.52	184	538699	51.275	ng	99
78) Pyrene	12.62	202	982102	37.483	ng	98
80) Butylbenzylphthalate	13.25	149	446305	35.104	ng	98
81) Benzo(a)anthracene	13.82	228	859027	42.013	ng	98
82) 3,3'-Dichlorobenzidine	13.78	252	212556	27.861	ng	97
83) Chrysene	13.85	228	877761	42.250	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	613872	35.655	ng	99
85) Di-n-octyl phthalate	14.43	149	1111680	37.922	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	985082	53.790	ng	99
88) Benzo(b)fluoranthene	14.83	252	940795	40.534	ng	99
89) Benzo(k)fluoranthene	14.86	252	790133	39.456	ng	99
90) Benzo(a)pyrene	15.17	252	811546	41.586	ng	97
91) Dibenzo(a,h)anthracene	16.60	278	819505	47.409	ng	100
92) Benzo(g,h,i)perylene	17.00	276	789809	46.288	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120241.D
Acq On : 30 Apr 2020 16:07
Operator : MA/SJ
Sample : PB128574BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 16:41:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:57 AM